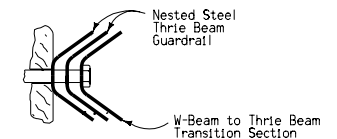
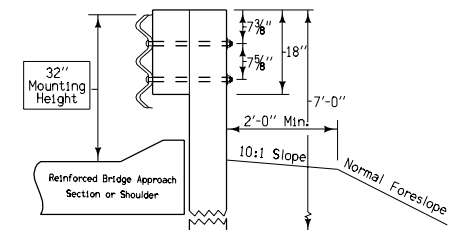


#### GENERAL NOTES:

Horizontal and vertical alignment of the guardrail shall be adjusted to a smoothly curved line with no abrupt changes.

- ① Formed Steel Thrie Beam Guardrail; refer to Standard Road Plan RE-12B.
- ② W-Beam to Thrie Beam Transition Section; refer to Standard Road Plan RE-2B.
- ③ Formed Steel W-Beam Guardrail; Refer to Standard Road RE-12A.
- ④ 7'-0" long Post with Wood Spacer Block.  
Steel or wood post may be used at Contractor's option.
- ⑤ 6'-0" long Post with Wood Spacer Block.  
Steel or wood post may be used at Contractor's option.
- ⑥ 3/4" round holes in Wood Post and Wood Spacer Block. Refer to Standard Road Plan RE-12B for Details of Hardware.
- ⑦ All 7' posts shall be marked at both ends with (1) the post length, and (2) the supplier or manufacturer.
- ⑧ Use 6" X 8" X 18" Wood Spacer Block, placed flush with the top of the post.
- ⑨ 13/16" round holes in Steel Post and Wood Spacer Block. Refer to Standard Road Plan RE-12C for Details of Hardware.



|   |                           |
|---|---------------------------|
| <b>Iowa Department of Transportation</b><br>Highway Division                  |                           |
| <b>STANDARD ROAD PLAN RE-68</b>   |                           |
| REVISION: Mark post at both ends. Specify wood spacer block with steel posts. | REVISION NO.<br>8         |
| APPROVED BY DESIGN METHODS ENGINEER<br><i>William J. Allen</i>                | REVISION DATE<br>04-20-04 |
| <b>STEEL BEAM GUARDRAIL<br/>STANDARD TRANSITION SECTION<br/>(STS)</b>         |                           |